

Serial No. 10/787,109

Docket No. NIT-413

Amendment dated May 9, 2007

Response to Final Office Action mailed March 28, 2007

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listing of claims in the application.

Listing of Claims

1-3. (Canceled)

4. (Currently Amended) A computer system ~~according to Claim 3~~ having a first operation site, a second site having a storage device subsystem and a third operation site that are mutually connected through a network, wherein:

each said operation site includes a host and a storage device subsystem and a copy management program that operates in the host;

copy management information that includes state information is used by the copy management program to execute remote copy processing from the storage device subsystem of said first operation site to the storage device subsystem of the second site and to the storage device subsystem of said third operation site;

said copy management information is stored in said storage device subsystems of each said operation site and said second site, and is updated every time a remote copy is executed;

wherein when a failure occurs in the first said operation site, the copy management information stored in the storage device subsystems is referred by use of said copy

Serial No. 10/787,109

Docket No. NIT-413

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management program that operates in a host included in said third operation site to execute copying from a point at which copy processing had progressed before the failure;

wherein said storage device subsystems make an inter-subsystem copy of data stored in a storage device between the storage device subsystems of the first operation site and the second site, and the second site and the third operation site, and an intra-subsystem copy of data stored in a storage device in the storage device subsystem of the second site and in a storage device of a storage device subsystem in the third operation site, and

wherein said copy management information includes state information about the inter-subsystem copy, state information about the intra-subsystem copy, and time stamp information about the time at which this copy management information is written.

5-7. (Canceled)

8. (Currently Amended) A failure recovery method for a computer system ~~according to Claim 6, wherein~~ in which at least first and other operation sites each having a host and a storage device subsystem and a second site having a storage device subsystem are mutually connected through a network, said failure recovery method comprising the steps of:

using, at the first operation site, a copy management program, which operates in the host, to remote-copy data stored in a storage device of the storage device subsystem included in the first operation site to a storage device of a storage device subsystem included in the second site and each of the other operation sites;

every time copy processing is performed, reflecting, by the first operation site, a state

Serial No. 10/787,109

Docket No. NIT-413

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of the remote copy in copy management information stored in the storage device of the storage device subsystem included in the first operation site;

every time copy processing is performed, reflecting, to the second site and each of the other operation sites, a state of the remote copy in the copy management information stored in the storage device of the storage device subsystem included in said second site and each of the other operation sites,

wherein when a failure occurs at the first operation site, the copy management information stored in the storage device of the storage device subsystem included in the second site and each of the other operation sites is referred by use of a copy management program that operates in a host included in one of the other operation sites to execute copying from a point to which the copy processing had progressed before the failure;

wherein said step of remote-copying from the first operation site comprises inter-subsystem copying of data in a storage device which is performed between the storage device subsystems of the first operation site and the second site, and between storage device subsystems of the second operation site and other operation sites, and intra-subsystem copying of data in a storage device which is performed in the storage device subsystems of any of the first operation site, second site and other operation sites; and

said copy management information includes state information about each of the inter-subsystem copies and the intra-subsystem copies.

9. (Canceled)